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monthly bibliography of medical reviews

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Index Medicus: Published monthly as a bibliographic listing of references to current articles from approximately 2,250 of the world's biomedical journals. Included are subject and author sections and a separate Bibliography of Medical Reviews. *Medical Subject Headings* is included as Part 2 of the January issue. Annual subscription: \$173.05 (\$216.35 foreign); single issues \$13.75.

HE 20.3612:

Cumulated Index Medicus, 1976, Volume 17: A cumulation in eight volumes of the approximately 270,000 citations appearing in *Index Medicus* in 1976. Included are author and subject sections, Medical Subject Headings, List of Journals Indexed, and Bibliography of Medical Reviews. Price: \$202.00 (\$252.50 foreign).

HE 20.3612/3:17

S/N 017-052-00173-6

Abridged Index Medicus: A monthly bibliography, based on articles from 100 English-language journals, designed for the individual practitioner and libraries of small hospitals and clinics. Annual subscription: \$31.35 (\$39.20 foreign); single issues \$2.65.

HE 20.3612/2:

Cumulated Abridged Index Medicus, 1976, Volume 7: A cumulation in one volume of the citations appearing in the monthly *Abridged Index Medicus* in 1976. Contains subject and author sections. Price: \$23.00 (\$28.75 foreign). [1970 and 1971: \$22.75 (\$28.45 foreign); 1972: OUT OF PRINT; 1973: \$24.00 (\$30.00 foreign).]

HE 20.3612/2:7

S/N 017-052-00176-1

List of Journals Indexed in Index Medicus, 1977. Contains four listings of journals indexed: title, abbreviation, subject, and geographical. Price: \$2.70 (\$3.40 foreign).

HE 20.3612/4:977

S/N 017-052-00177-9

Monthly Bibliography of Medical Reviews: A series designed to provide quick guidance to the latest reviews in the journal literature of biomedicine. Each issue duplicates the material appearing in the Bibliography of Medical Reviews section of the corresponding monthly issue of *Index Medicus*. Annual subscription: \$12.75 (\$15.95 foreign); single issues \$1.10.

HE 20.3610:

Bibliography of Medical Reviews, 1966-70: A cumulation of citations to reviews for the period 1966-70; subject index only. Price: \$14.65 (\$18.35 foreign).

HE 20.3610/2:966-70

S/N 017-052-00133

Bibliography of Medical Reviews, 1971-75: A cumulation of citations to reviews for the period 1971-75. Price: \$20.00 (\$25.00 foreign).

S/N 017-052-00178-7

NLM Current Catalog: A bibliographic listing of citations to publications cataloged by the Library. Issued in two forms: (a) quarterly (noncumulating, subject and name sections), (b) annual cumulation (subject and name sections). Prices: (a) 4 three-month cumulations (quarterlies)—\$23.50 (\$29.50 foreign); single issues \$6.00; (b) annual cumulation (1976) \$23.00 (\$28.75 foreign).

(a) HE 20.3609:

(b) S/N 017-052-00179-5

NLM Current Catalog, 1971-1975: Cumulative volume, in five books. Price: \$113.00 (\$141.25 foreign).

HE 20.3609/3:971-75/NO. 1-5

S/N 017-052-00172-8

Index to the Report of the Secretary's Commission on Pesticides and Their Relationship to Environmental Health: designed to assist users in rapidly finding information in the *Report of the Secretary's Commission on Pesticides and Their Relationship to Environmental Health* (known as the "Mark Report," 1969, GPO, price: \$3.00). Contains Chemical Substance Index, Subject Index, and Bibliography. 1972. Price: \$2.90 (\$3.65 foreign).

HE 20.3602:P43

S/N 017-052-00137

Index of National Library of Medicine Serial Titles: Provides a key-word-out-of-context (KWOC) index to approximately 19,000 serial titles received by NLM. 1973. Price (reprint edition) \$14.00 (\$17.50 foreign).

HE 20.31618:972

S/N 017-052-00142-6

Drug Interactions—An Annotated Bibliography with Selected Excerpts 1970-1971: Casebound. 796 pages. 1974. Price: \$17.70 (\$22.15 foreign).

HE 20.3614:D84/970-71/v. 2

S/N 017-052-00157

Selected References on Environmental Quality as It Relates to Health: A monthly bibliography which provides a subject/author index to journal articles covering aspects of environmental pollution that concerns health. Annual subscription: \$13.45 (\$16.85 foreign); single issues \$1.15.

HE 20.3616

Current Bibliography of Epidemiology: A monthly bibliography of articles concerning the etiology, epidemiology, prevention, and control of disease. Annual subscription: \$35.60 (\$44.50 foreign); single issues \$3.00.

HE 20.3617:

Current Bibliography of Epidemiology 1976, Volume 8: A cumulation of the 12 monthly issues of *Cube* for 1976. Casebound. Price: \$21.00 (\$26.25 foreign).

HE 20.3617/2:7

S/N 017-052-00180-9

Bibliography of the History of Medicine, No. 5 1964-1969: Cumulative volume, including Nos. 1-4 plus approximately 3,800 new citations. Casebound, 1972. Price: \$18.65 (\$23.65 foreign).

HE 20.3615:5

S/N 017-052-00130

Bibliography of the History of Medicine, No. 10, 1970-1974: (includes Nos. 6-9). Price: \$16.00 (\$20.00 foreign).

HE 20.3615:10

S/N 017-052-00171-0

Medical Subject Headings, 1977. Published as Part 2 of the January *INDEX MEDICUS*. The subject headings in the 1977 *MeSH* are arranged alphabetically, with cross references and in categorized lists. (Included with subscription to *INDEX MEDICUS*, also available separately for \$8.20 (\$10.05 foreign).

HE 20.3612:18/1-Pt. 2

S/N 017-052-71095-8

International Bibliography of the History of Legal Medicine (1974): An annotated list of citations to published material on the history of legal medicine in the holdings of the National Library of Medicine and other sources. Price: \$5.50 (\$6.90 foreign).

HE 20.3614:M46

S/N 1752-00148

National Medical Audiovisual Center Catalog, 1977: A list of motion pictures available on loan from NMAC in Atlanta. Price: \$4.25 (\$5.35 foreign).

S/N 017-052-00181-7

Toxicity Bibliography: A quarterly publication covering the adverse and toxic effects of drugs and chemicals reported in the approximately 2,200 journals indexed for *Medline*. Annual subscription: \$32.50 (\$40.65 foreign); single issue \$8.15.

HE 20.3613:

A Profile of the U.S. Public Health Service, 1798-1948. A case-bound, illustrated history of the U.S.P.H.S., written by Bess Furman Armstrong. 1973. Price: \$7.80 (\$9.75 foreign).

HE 20.3602:P96/798-948

S/N 017-052-00140

National Library of Medicine Classification: A Scheme for the Shelf Arrangement of Books in the Field of Medicine and Its Related Sciences. Third Edition, 1964, with 1969 Supplement. PHS Pub. No. 1108, Reprinted 1969. Price: \$3.85 (\$4.80 foreign).

HE 20.3602:C56/969

S/N 017-052-00091-8

Highlights in Medicolegal Relations: An annotated chronology of important events in legal medicine. 1976. Price: \$5.30 (\$6.65 foreign).

HE 20.3602:M46/3

S/N 017-052-00170-1

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B583a	[Bethesda, Md.] National Library of Medicine.
	v.
	References cited appear also in Index medicus.
	1. Medicine - indexes I. National Library of Medicine.

The Secretary of Health, Education, and Welfare has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through December 31, 1979.

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INTRODUCTION

In 1948 at a Royal Society Scientific Information Conference, J. D. Bernal reported on a preliminary analysis of a study on the use of scientific literature. The object of the questionnaire was to find out directly from working scientists what they had read, why they had read it, and what use they had made of the information. In his report, Bernal stated that an overwhelming proportion of scientists read and appreciated reviews and that reviews formed a very important and increasing part of general background reading.

The reading habits of medical investigators, clinicians, and educators, and of workers in fields allied to medicine amply confirm today the observation of Bernal twenty-eight years ago. Indeed, as biomedical literature expands, the need for reviews appears more obvious.

Through the *Monthly Bibliography of Medical Reviews*, the Library hopes to provide health professionals with an easily accessible desk reference tool for guidance to the latest reviews in the journal literature of biomedicine.

Medical reviews are defined by the Library as articles which are well-documented surveys of the recent biomedical journal literature. In most cases articles include a list of references either in the body of the paper or as a bibliography. Articles which include case reports are considered reviews only when the case reports serve to document the subject of the review.

Articles with the following characteristics are not considered as reviews in this bibliography: case reports or original research articles containing a review of the literature as an adjunct; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.

Proceedings of selected congresses and symposia, as well as various multi-authored monographs, are also indexed. Those individual papers or chapters which meet the criteria (above) for reviews are included in this bibliography.

Users of *Monthly Bibliography of Medical Reviews* will find an acquaintance with *Medical Subject Headings (MeSH)* useful in determining which subject headings are most appropriate for their needs. *MeSH*, the National Library of Medicine's thesaurus, is the technical language which provides controlled subject access to the biomedical literature indexed for MEDLARS. *MeSH* is published as Part 2 of the January *Index Medicus* (see list of publications, inside front cover).

Although the most specific terms available in *MeSH* are used in indexing articles for *Index Medicus*, broader headings are used for reviews to enable grouping of similar material.

TYPICAL CITATIONS

JOURNAL ARTICLE:

Overview of tumor immunology in gynecologic oncology. DiSaia PJ. *Cancer* 39(1 SUPPL):568-90, Jul 76 (72 ref.)

Title of Article

Date of Issue

Inclusive Pagination

Issue, Part or Supplement

Volume Number

Journal Title Abbreviation

Senior Author (for all other authors refer to Author Section)

MONOGRAPH:

[Mitochondrial genetic functions in *Saccharomyces cerevisiae*] pp. 75-9. Dujon B. In: Fauriol-Dau B, ed. *Molecular Biology of nucleocytoplasmic relationships*. Amsterdam, Elsevier Scientific, 1975. QH 595 M718 1975. (33 ref.) (Pre)

Number of References

Title of Paper or Chapter (English, or English Translation)

Editor of Monograph

Title of Monograph

Number of References

Language Abbreviation (Foreign)

NLM Call Number

Publisher and Date



INTRODUCTION

Index Medicus is the National Library of Medicine's monthly bibliography of the literature of biomedicine. The contents of the twelve monthly issues (January-December) comprise the annual *Cumulated Index Medicus*.

MATERIALS INDEXED

Index Medicus contains citations to the serial journal literature and to selected monographs.

In the selection of materials for indexing, the National Library of Medicine is advised by a group of distinguished physicians, medical editors, and medical librarians. The Library indexes the literature that has been judged most useful to *Index Medicus* users, but it is not possible to include every journal and monograph that might contain useful articles.

An effort is made to maintain a reasonable balance of subject matter. The inclusion of a journal or monograph should not be construed as indicating that it is considered superior to one that is not indexed; the omission of a publication does not necessarily reflect on its quality.

Original journal articles are indexed, as well as those letters, editorials, biographies, and obituaries that have substantive contents. Abstracts of articles are never indexed. In certain journals which cover fields other than biomedicine, only those articles related to biomedicine are selected for inclusion in *Index Medicus*.

Monographs which have been indexed include published proceedings of various congresses and symposia, and selected multi-authored works. Each issue of *Index Medicus* and *Cumulated Index Medicus* carries a list of monographs indexed therein.

The journal title abbreviations used in *Index Medicus* are formulated according to the rules of the *American National Standard for the Abbreviation of Titles of Periodicals*,¹ and the individual words of the titles are abbreviated according to the forms given in the *International List of Periodical Title Word Abbreviations*.²

For the abbreviation of any specific journal cited in *Index Medicus*, see the *List of Journals Indexed in Index Medicus (LJI)* in the January issue of *Index Medicus* and in the annual cumulation. *LJI* is also available separately from the Government Printing Office (see National Library of Medicine Publications, inside front cover of any monthly issue of *Index Medicus*).

THE INDEXING OPERATION

Materials selected for inclusion are indexed by highly trained literature analysts. The content of each piece is described by assigning terms selected from *Medical Subject Headings (MeSH)*, the Library's controlled vocabulary of technical terms. *MeSH* is published as Part 2 of the January *Index Medicus* and is reproduced in its entirety in *Cumulated Index Medicus*. Additional copies of *MeSH* may be purchased from the Government Printing Office (see NLM Publications, inside front cover of *Index Medicus*).

¹ American National Standards Institute. American National Standard for the Abbreviation of Titles of Periodicals. Approved September 16, 1969. New York, ANSI, 1430 Broadway, New York 10018 \$2.75.

² International List of Periodical Title Word Abbreviations. Prepared for the UNISIST ICSU-AB Working Group on Bibliographic Descriptions. Based on the American National Standards Institute, Standards Committee Z39, National Clearinghouse for Periodical Title Words Abbreviations, Word-Abbreviation List. Paris, ICSU-AB Secretariat, 1970, ii, 39 p. Available in North and South America from Chemical Abstracts Service Marketing Department, Columbus, Ohio 43210. \$4.50.

In indexing, the analyst assigns as many subject headings as are necessary to describe adequately the content of each article or chapter.

Each journal article or monograph chapter is cited in *Index Medicus* only under those subject headings which represent the most important concepts of the article. All subject headings are stored in MEDLARS (Medical Literature Analysis and Retrieval System), the Library's computer-based file of citations, for future use in machine retrieval.

In using *Index Medicus*, bear in mind that citations are published only under those terms appearing in *MeSH*. If the medical concept you have in mind is not a Medical Subject Heading, you will need to find the *MeSH* equivalent. For example, if you are interested in German measles, citations on that subject will appear in *Index Medicus* under its *MeSH* equivalent, RUBELLA.

When materials are indexed for *Index Medicus*, the most specific terms available in *MeSH* are used. Thus, if an article is concerned with erythromycin, it would be indexed under that term, rather than the broader "antibiotics." Under the latter term, one would find only: (a) articles dealing with antibiotics generally, (b) those that deal in a very general way with a large number of named antibiotics, or (c) those that deal with specific antibiotics which have not been separately listed in *MeSH*.

The user who is interested in one concept may find that the broader term is also worth examining for articles or chapters of possible interest. Although one may be interested primarily in penicillin sensitivity, reports on the general subject of antibiotic sensitivity may be useful.

The user who wants information on some aspect of the use of antibiotics in pediatric practice would certainly want not only the general materials that would appear under "antibiotics," but also those concerned with specific antibiotics.

Because it is impossible to group together all terms directly or indirectly related to a particular concept, please consider the following when searching this bibliography:

1. Direct form of the term (e.g., Lung Abscess)
2. Inverted form of the term (e.g., Anemia, Hemolytic)
3. Broader and narrower terms

The best way to find broader and narrower terms is by reference to the *MeSH* "tree structures," in which *MeSH* terms are grouped into fourteen subject categories and arranged in a hierarchical manner with specific terms indented under the more general ones. For example, in section D20, under "antibiotics," one finds a list of many types of antibiotics, such as "antibiotics, antineoplastic." Indented under that term are several even more specific terms. (Terms followed by an asterisk (*) may be used for machine retrieval, but never appear as subject headings in *Index Medicus*.) Thus, one may find broader or narrower terms merely by scanning these hierarchical lists.

4. Noun form (Liver, Kidney, Brain)
5. Adjective form (Hepatic, Renal, Encephalo-)
6. Function words which imply the concept in mind (Thinking for Brain)
7. Terms for techniques which imply the concept in mind (Angiography for Arterial Thrombosis)
8. Synonyms or near-synonyms (e.g., Vertigo for Dizziness)

The *Index Medicus* user generally starts with one or more medical terms in mind which express his own subject interest. If he does not find a given term in the alphabetical list, examination of an appropriate "tree structure" may reveal a synonym or

a broader term under which the desired literature might have been indexed. When a usable term is found, examination of nearby entries in the alphabetic list may reveal related terms that are also worth searching in the *Index Medicus* Subject Section.

SUBJECT SECTION

Each article or monograph chapter cited in *Index Medicus* is printed under one or more subject headings, and the entry appears in full under each.

Journal Articles:

Each entry contains the following elements, in order: original English title of article, or English translation of title; first author (if more than one) or sole author; journal title abbreviation; volume number; issue, part or supplement; inclusive pagination; date of issue; the notation Eng. Abstr. for those non-English articles which provide an abstract in English; and an abbreviation indicating the language of the article if other than English.

Monograph Chapters:

Each entry contains the following elements, in order: original English title of the chapter, or English translation thereof; inclusive pagination; first author (if more than one) or sole author; the word "In," followed by the name of the editor or compiler of the monograph; title of the monograph; place of publication; publisher; date of publication; NLM call number; and an abbreviation indicating the language of the piece if other than English.

The non-English language abbreviations are as follows:

Afr	Afrikaans	Jpn	Japanese
Alb	Albanian	Kor	Korean
Ara	Arabic	Lit	Lithuanian
Arm	Armenian	Mul	Multilingual
Aze	Azerbaijani	Nor	Norwegian
Bul	Bulgarian	Per	Persian (Modern)
Chi	Chinese	Pol	Polish
Cro	Croatian	Por	Portuguese
Cze	Czech	Pus	Pushto
Dan	Danish	Rum	Rumanian
Dut	Dutch	Rus	Russian
Fin	Finnish	SCC	Serbo-Croatian, Cyrillic
Fre	French	SCR	Serbo-Croatian, Roman
Geo	Georgic	Slo	Slovak
Ger	German	Slv	Slovene
Gre	Greek (Modern)	Spa	Spanish
Heb	Hebrew	Swe	Swedish
Hun	Hungarian	Tha	Thai
Ice	Icelandic	Tur	Turkish
Ind	Indonesian	Ukr	Ukrainian
Ita	Italian	Vie	Vietnamese

Under each subject heading, the entries are grouped according to the original language of the text, with the English-language items appearing first, followed by citations for works published in other languages, arranged alphabetically by language. Within each language group, the articles are alphabetically ordered by journal title abbreviation. Monograph chapters are cited under the letter "I" in this ordering.

Examples of typical journal article citations are:

An article by H.G. Mather, et al, titled:

Myocardial infarction: a comparison between home and hospital care for patients. Mather HG, et al, *Br Med J* 1(6015):925-9, 17 Apr 76

is cited under three subject headings:

HOME CARE SERVICES
HOSPITALIZATION
MYOCARDIAL INFARCT MORTALITY.

Under each of the subject headings, only the first author's name appears. (For the names of all other authors, refer to the Author Section.)

An article by D. Artese, A. DiNicola, and S. Santilli is cited under the headings GLUCAGON THERAPEUTIC USE and HEART FAILURE, CONGESTIVE DRUG THERAPY:

[Use of glucagon in the therapy of cardiac insufficiency] Artese D, et al. *Minerva Cardioangiol* 24(2):155-60, Feb 76 (Eng. Abstr.) (Ita)

The brackets indicate that the title has been translated. The title of the journal has been abbreviated: the full title may be found by reference to the abbreviations listing in the *List of Journals Indexed in Index Medicus*. The notation in parentheses indicates that this article has an English abstract.

An example of a typical monograph chapter citation is:

Cannabinoids: metabolites hydroxylated in the pentyl side chain. pp. 141-57. Agurell S. et al. In: *Nahas GC, et al., ed. Marihuana: chemistry, biochemistry, and cellular effects*. New York, Springer, 1976. QV 109 S253m 1975.

This reference cites a chapter authored by S. Agurell, et al., which appears on pages 141-57 in a monograph edited by G.G. Nahas and others. The appended notation QV 109 S253m 1975 is the National Library of Medicine call number for this monograph: the *NLM Current Catalog* may be consulted for the full catalog entry.

AUTHOR SECTION

References in the Author Section cite all authors' names. These are followed by the title of the article or monograph chapter in the vernacular, and then the other bibliographic elements as they appear in the Subject Section (described above). The title of the article is supplied in translated form only (as in the Subject Section), and not in the vernacular, for citations in the following languages: Arabic, Armenian, Azerbaijani, Chinese, Georgic, Hebrew, Indonesian, Japanese, Korean, Persian, Pushto, Thai, and Vietnamese. Titles in the following languages are transliterated into Roman script: Bulgarian, Greek, Russian, Serbian, and Ukrainian. Following are examples of citations found in the Author Section:

English language, or translated into English:

Rendtorff RC, Curran JW, and Chandler RW, Glassco S, Wisner L: The role of the urban community hospital in gonorrhoer surveillance. *Br J Vener Dis* 52(2):102-4, Apr 76

Kawamura N, Ohkoshi M, Saito T, Iki Y, Ogawa H: [Clinical experiment of gentamicin in patients with urological diseases (author's transl)] *Jpn J Antibiot* 29(3):299-302, Mar 76 (Jpn)

Prange AJ Jr, Wilson IC, Breese GR, Lipton MA: Hormonal alteration of imipramine response: a review. pp. 41-67. In: *Sachar EJ, ed. Hormones, behavior, and psychopathology*. New York, Raven Press, 1976. WK 102 A512h 1975. (122 ref.)

Vernacular:

Koba S, Nowak S: Objawy i zespolu neurologiczne w przebiegu wirusowego zapalenia watroby. *Przegl Epidemiol* 30(1):39-45, 1976 (Pol)

Transliterated into Roman script:

Proshunina DV, Gubii NA, Fleish NL, Gropianova TM, Zelepukhin VP: Pro stroky zberihannia deiakykh in iekt-siynykh rozchyniv, shcho chasto povtoruiut'sia v mizhlikarniankykh aptekakh. *Farm Zh* 31(1):84-90, Jan-Feb 76 (Ukr)

bibliography of medical reviews

Subject Section

Medical reviews are defined by NLM, for inclusion in the "Bibliography of Medical Reviews," as papers which are well documented surveys of the recent biomedical literature.

Not included are: reviews of the literature which document case reports or original research; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.

Although the most specific terms available in *Medical Subject Headings* are used in indexing articles for *Index Medicus*, broader headings are applied for reviews to enable grouping of similar material.

ABDOMEN

Intraabdominal sepsis: characterization and treatment. Nichols RL. *J Infect Dis* 135 Suppl:S54-7, Mar 77 (23 ref.) [Abdominal ultrasonography] Kaftori J, et al. *Harefuah* 92(4):177-80, 15 Feb 77 (18 ref.) (Heb)

ABDOMINAL INJURIES

Peritoneal lavage. Jergens ME. *Am J Surg* 133(3):365-9, Mar 77 (12 ref.)
Hepatic and vena caval injuries. Madding GF, et al. *Surg Clin North Am* 57(2):275-89, Apr 77 (11 ref.)

ABNORMALITIES, DRUG-INDUCED

The effect of alcohol on the developing organism. Genetical, teratological and physiological aspects. Hollstedt C, et al. *Med Biol* 55(1):1-14, Feb 77 (100 ref.)

ACCLIMATIZATION

Oxygen and carbon dioxide in the regulation of respiration. Kellogg RH. *Fed Proc* 36(5):1658-63, Apr 77 (33 ref.)

ACCOMMODATION, OCULAR

Mechanisms of accommodation in vertebrates. Gillum W. *Ophthalmic Semin* 1(3):253-86, 1976 (60 ref.)

ACHILLES TENDON

[Changes in Achilles tendon reflex under influence of non endocrine factors] Dry J, et al. *Sem Hop Paris* 52(31-32):1697-401, 10-20 Sep 76 (43 ref.) (Eng. Abstr.) (Fre)

ACID-BASE EQUILIBRIUM

The interaction of body temperature and acid-base balance in ectothermic vertebrates. Reeves RB. *Annu Rev Physiol* 39:559-86, 1977 (93 ref.)

ACTION POTENTIALS

[Myocardial action potentials and calcium ion] Matsuda K, et al. *Jpn J Clin Med* 35(1):2-8, 10 Jan 77 (24 ref.) (Jpn)

ACUPUNCTURE

Enkephalin, drug addiction and acupuncture. Chen GS. *Am J Chin Med* 5(1):25-30, Spring 77 (41 ref.)

ADENINE NUCLEOTIDES

The role of the fructose 6-phosphate/fructose 1,6-diphosphate cycle in metabolic regulation and heat generation. Newsholme EA. *Biochem Soc Trans* 4(6):978-84, 1976 (38 ref.)

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE

The role of cyclic nucleotides in central synaptic function.

Bloom FE. *Adv Biochem Psychopharmacol* 15:273-82, 1976 (42 ref.)

Opiates, cyclic nucleotides, and xanthines. Collier HO, et al. *Adv Biochem Psychopharmacol* 15:337-45, 1976 (35 ref.)
A role for cyclic nucleotides and protein kinase in vertebrate photoreception. Goridis C, et al.

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BY J. H. VAN DIJK

AMSTERDAM, 1964

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